



Weimer Hall • University of Florida  
Gainesville, FL 32611-2084 • 904/392-6200

March 27, 1992

MM 9492

John Fernandez  
Director of Special Projects  
Corporation for Public Broadcasting  
901 E. Street  
Washington, DC 2004-2006

Dear Mr. Fernandez,

Thank you for clarifying a number of questions I had concerning the Planning Grants for expansion. We would like to apply for a grant of \$6,600 for a project that will extend WUFT-FM's signal to Citrus county. The 1990 Census shows that this signal (that is a first public radio signal-see Exhibit A) will reach 93,515 (see page 9 of Florida Statistical Abstract for 1991, Exhibit B) presently unserved Florida residents. Citrus is one of Florida's fastest growing counties. In 1980 there were 54,703 residents and projects show that 129,485 by the year 2000.

Rich Eisworth's DACS of 2/25/92 identifies Citrus, Sumter and Hernando Counties as public radio unserved areas and this is a project that we have been interested in for several years. We have had this interest because it is an area that used to receive our signal. In 1988 we started to get letters from people complaining about a religious station interfering with our signal. I have enclosed copies of some of this correspondence. We are at 89.1 and it turns out that WFCE-FM, a 50,000 watt religious station signed on at 88.9 and has succeeded in blasting us out of the region. We would like to rectify this problem by putting a 2500 watt satellite/repeater station on channel 215 at a HAAT of 250 feet.

Last year we commissioned a frequency search from Kessler/Gehman and they found that this was the best option available. I have included the map they set up showing the 1 MV curve for this frequency (Exhibit D). We have several major considerations that limit this frequency to this height and power:

1. There is a television channel 6 in Orlando.
2. We must protect the 54 dbu curve of WKTZ in Jacksonville.
3. We must protect the 54 dbu curve of WCKL in Lakeland.

These restrictions result in a coverage pattern that will provide a solution to the uncovered area of Citrus County but may not solve the problems for Hernando and Sumter counties. Our Grade B signal will pick up some of the northern parts of these counties but will not cover all of Hernando or Sumter Counties.

Last year we initiated negotiations with Fred E. Gross who owns a prime tower site in Citronelle. I am confident that we can secure this site. We tested our off-air signal reception at this site and discovered that it was adequate for rebroadcast on this new station. We have, however, done some preliminary work on negotiating Microwave tower rentals if we decide the best solution will be to microwave our signal to Citronelle.

I have also included some information on our current listener financial support for WUFT-FM from Citrus County without this extension (Exhibit E). I think that the general interest in public radio will be even better when the area has its own high quality signal. We are requesting several things from you.

1. Funding for the license application and a review of the frequency search and engineering data
2. Funding for an economic feasibility study
3. Funding for ascertainment of need for a public station

These studies should prove that this county is perfect for public radio and that we can set up an economical service for this area. This county's love for public broadcasting became apparent last year when cable television subscribers succeeded in returning WUFT-TV to the cable line-up after one local company had removed it. The support was so strong that in a short period of time the local cable company was swamped with complaints and returned WUFT-TV to the cable schedule (see the newspaper clippings, Exhibit F).

Our proposal will serve all of Citrus County with a high quality signal. It will saturate the towns of Crystal River, Dunnellon, Hernando, Lecanto and will help the Corporation for Public Broadcasting to increase public radio coverage of this country to more than 86% of the population. We should also benefit in that our grade B coverage area will include the northern portion of Sumter and Hernando counties.

We estimate that the costs of the project will be as follows.

1. Engineering and License Application	\$3,100
2. Ascertainment of Community Needs	\$1,000
3. Economic Feasibility study	\$2,500
Total	\$6,600

We should, with grade B considered, be able to cover half of Hernando County for an added population of 50,000 and also add 10,000 in Sumter County for a total newly served population of 153,515. I hope that you will be as excited by the prospects of this project as we are here at WUFT-FM and that you will choose to support and approve funds for this proposal for our signal extension into Citrus County. I have also enclosed the Kessler/Gehman Study that used 23,000 with a directional antenna (Exhibit G). This is a more expensive option and does not show an appreciably greater increase in coverage area.

Sincerely,

*Henri Pensis*

Henri Pensis  
Station Manager

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FOR CITRUS COUNTY**

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**B - Florida Statistical Abstract 1991--Excerpts**

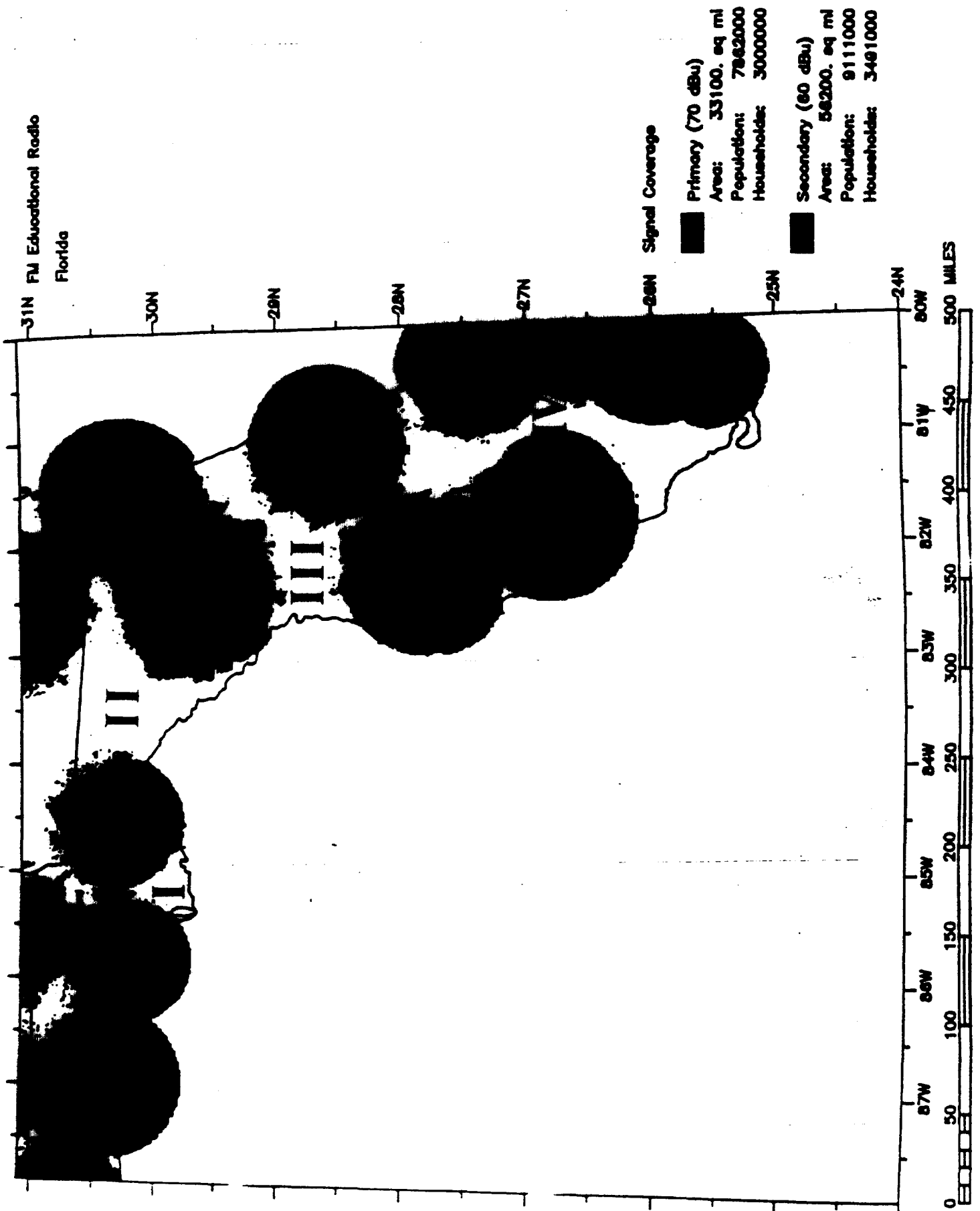
**C - Listener Letters of Complaint Concerning WFCE-FM Interference**

**D - Kessler/Gehman 2.5 K Proposal Coverage Area**

**E - Citrus County Membership Report**

**F - WUFT-TV Public Support Newspaper Clippings**

**G - Kessler/Gehman Study of 23 K Directional Antenna Study**



## **Uncovered Areas**

Of the four regions that do not receive a public radio signal, Regions III and IV contain an estimated 60 percent and 30 percent respectively, of the uncovered population.

### **Region I**

Region I is the area southwest of Tallahassee and southeast of Panama City. Much of this area is within the Apalachicola National Forest. Service to this area could be provided by a series of radio translators as population concentrations dictate.

### **Region II**

This is the area east of the Tallahassee market that currently does not receive a public radio signal. Florida State University has applied to the FCC to construct a second station which should provide coverage to much of this unserved area.

### **Region III**

Region III is the uncovered region south of the Gainesville and Jacksonville signals and north of the Orlando and Tampa coverages. A repeater/satellite station or a series of translator facilities could eliminate these unserved areas.

### **Region IV**

This area consists of the south-central inland part of the state and the southwestern Gulf Coast region beginning south of Naples. This region (with some exceptions, two of which are discussed below) is rather low in population density. The Sebring/Avon Park area appears to be large enough to support at least a repeater/satellite station while it is doubtful if there is adequate population in the extreme southern Gulf Coast to support the construction and operation of a full-powered station. A series of much less expensive public radio translators, limited to communities with significant population densities, may be a more appropriate alternative.

# FLORIDA

## Basic Statistics

Total State Population: 9,746,000

Total Population Receiving  
Public Radio Signal: 9,111,000 (93%)

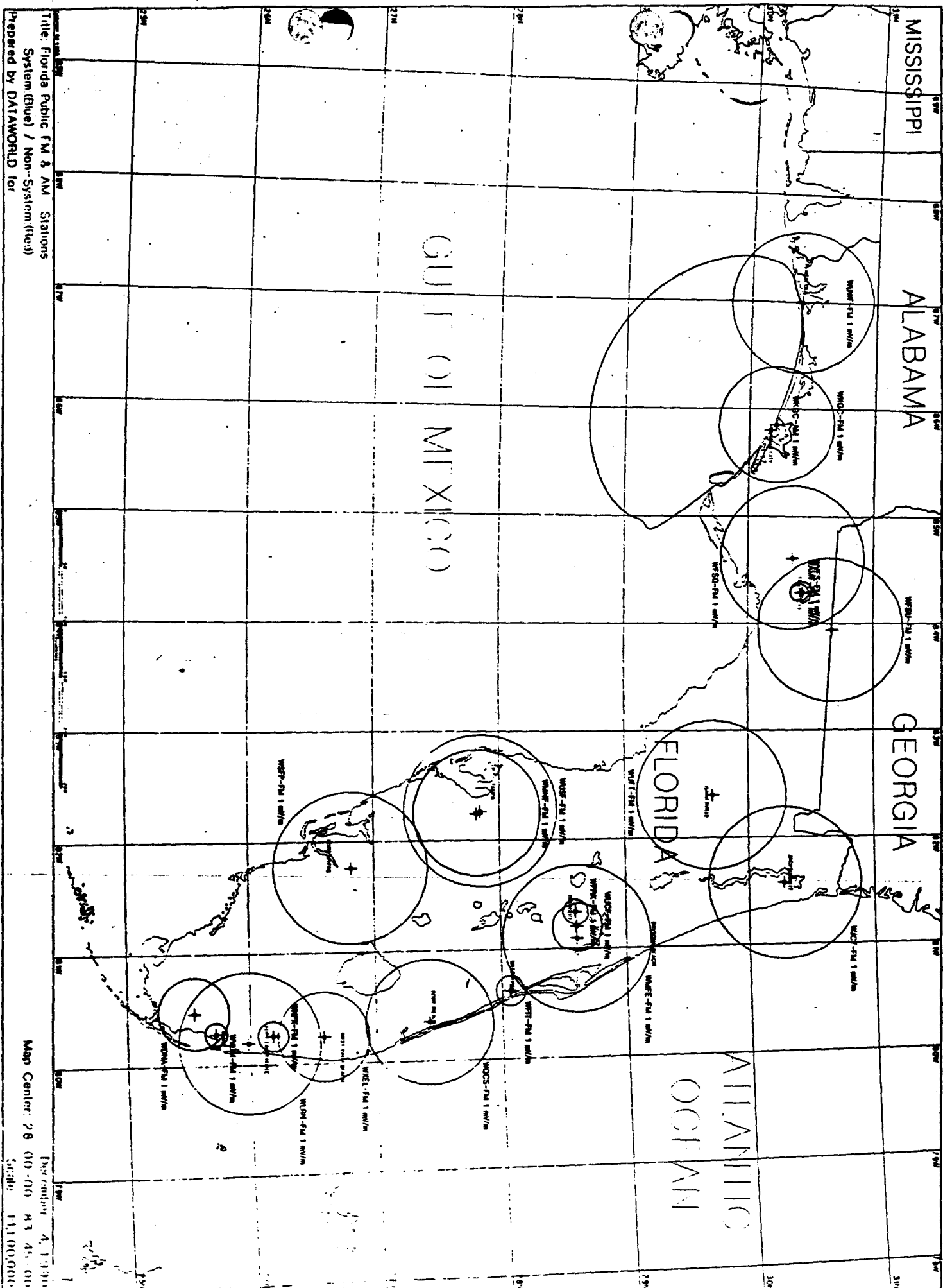
Total Population in Uncovered  
Areas: 635,000

## Public Radio Stations in State

<u>Community</u>	<u>Call Letters</u>
Fort Myers	WSFP-FM
Fort Pierce	WQCS-FM
Gainesville	WUFT-FM
Jacksonville	WJCT-FM
Miami	WDNA-FM
	WLRN-FM
Orlando	WMFE-FM
Panama City	WKGC-FM
	WKGC-AM
Pensacola	WUWF-FM
Tallahassee	WFSU-FM
Tampa	WMNF-FM
	WUSF-FM
West Palm Beach	WXEL-FM

## General Comments

Florida residents receive public radio coverage from a variety of public stations licensed to educational institutions and community-based nonprofit organizations. There is no state public radio network in Florida. In addition to the FM public radio stations that provide service to the state, WKGC-AM, licensed to the Gulf Coast Community College in Pensacola, also provides a public signal.



Population

31. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES  
FLORIDA, APRIL 1, 1980 AND 1990

	1980	1990	Area	1980	1990
	9,746,961	12,937,926	<b>Brevard (Continued)</b>		
ated	5,245,606	6,404,550	Palm Bay	18,560	62,632
orporated	4,501,355	6,533,376	Palm Shores	77	210
			Rockledge	11,877	16,023
	151,369	181,596	Satellite Beach	9,163	9,889
	3,561	4,529	Titusville	31,910	39,394
	1,230	1,372	West Melbourne	5,078	8,399
ville	81,371	84,770	Unincorporated	103,318	149,560
rne	1,303	1,305			
prings	2,491	3,144	<b>Broward</b>	1,010,257	1,255,408
se	170	122	Coconut Creek	6,288	27,485
py	737	612	Cooper City	10,140	20,791
ry	1,826	1,644	Coral Springs	37,349	79,443
	993	1,017	Dania	11,811	13,024
orporated	57,687	83,081	Davie	20,515	47,217
			Deerfield Beach	39,193	46,325
	15,289	18,486	Ft. Lauderdale	153,279	149,377
St. Mary	462	480	Hacienda Village	126	2/
unny	3,851	3,966	Hallandale	36,460	30,996
orporated	10,976	14,040	Hillsboro Beach	1,554	1,748
			Hollywood	121,323	121,697
	97,740	126,994	Lauderdale-by-the-Sea	2,639	2,990
ay	7,154	12,253	Lauderdale Lakes	25,426	27,341
Grove	1,104	1,479	Lauderhill	37,271	49,708
Haven	6,239	9,298	Lazy Lake Village	31	33
o Beach	632	992	Lighthouse Point	11,488	10,378
a City	33,346	34,378	Margate	35,960	42,985
a City Beach	2,148	4,051	Miramar	32,813	40,663
c	4,298	4,598	North Lauderdale	18,479	26,506
gfield	7,220	8,715	Oakland Park	23,035	26,326
orporated	35,599	51,230	Parkland	545	3,558
			Pembroke Park	5,326	4,933
ard	20,023	22,515	Pembroke Pines	35,776	65,452
er	429	312	Plantation	48,501	66,692
on	466	296	Pompano Beach	52,618	72,411
y	692	676	Sea Ranch Lakes	584	619
e	5,306	5,226	Sunrise	39,681	64,407
orporated	13,130	16,005	Tamarac	29,376	44,822
			Wilton Manors	12,742	11,804
ard	272,959	398,978	Unincorporated	167,988	155,757
Canaveral	5,733	8,014			
a	16,096	17,722	<b>Calhoun</b>	9,294	11,011
a Beach	10,926	12,123	Altha	478	497
Atlantic	2,883	2,844	Blountstown	2,632	2,404
on Harbour Beach	5,967	6,933	Unincorporated	6,184	8,110
oar	1,118	1,977			
ourne	46,536	59,646	<b>Charlotte</b>	58,460	110,975
ourne Beach	2,713	3,021	Punta Gorda	6,797	10,747
ourne Village	1,004	591	Unincorporated	51,663	100,228

See footnotes at end of table.

Florida Statistical Abstract 1991

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Table 1.31. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES  
OF FLORIDA, APRIL 1, 1980 AND 1990 (Continued)

	1980	1990	Area	1980	1990
	54,703	93,515	<b>De Soto</b>	19,039	23,865
Crystal River	2,778	4,044	Arcadia	6,002	6,488
Inverness	4,095	5,797	Unincorporated	13,037	17,377
Unincorporated	47,830	83,674			
			<b>Dixie</b>	7,751	10,585
Clay	67,032	105,986	Cross City	2,154	2,041
Green Cove Springs	4,154	4,497	Horseshoe Beach	304	252
Keystone Heights	1,056	1,315	Unincorporated	5,293	8,292
Orange Park	8,766	9,488			
Penney Farms	630	609	<b>Duval</b>	571,003	672,971
Unincorporated	52,446	90,077	Atlantic Beach	7,847	11,636
			Baldwin	1,526	1,450
			Jacksonville	540,920	635,230
<b>Collier</b>	85,971	152,099	Jacksonville Beach	15,462	17,839
Everglades	524	321	Neptune Beach	5,248	6,816
Naples	17,581	19,505			
Unincorporated	67,866	132,273	<b>Escambia</b>	233,794	262,798
			Century	495	1,989
<b>Columbia</b>	35,399	42,613	Pensacola	57,619	58,165
Ft. White	386	268	Unincorporated	175,680	202,644
Lake City	9,257	10,005			
Unincorporated	25,756	32,340	<b>Flagler</b>	10,913	28,701
			Beverly Beach	217	112
<b>Dade</b>	1,625,509	1,937,094	Bunnell	1,916	1,373
Bal Harbour	2,973	3,345	Flagler Beach	2,208	3,320
Bay Harbor Islands	4,869	4,703	Marineland (part)	8	21
Biscayne Park	3,088	3,068	Painters Hill	40	2/
Coral Gables	13,241	40,091	Unincorporated	6,624	22,675
El Portal	2,355	2,457			
Florida City	6,174	5,806	<b>Franklin</b>	7,661	9,967
Golden Beach	612	774	Apalachicola	2,565	2,602
Hialeah	145,254	188,004	Carrabelle	1,304	1,200
Hialeah Gardens	2,700	7,713	Unincorporated	3,792	5,165
Homestead	20,668	26,866			
Indian Creek Village	103	44	<b>Gadsden</b>	41,674	41,105
Islandia	12	13	Chattahoochee	5,332	4,382
Medley	537	663	Greensboro	562	586
Miami	346,865	358,548	Gretna	1,448	1,981
Miami Beach	96,298	92,639	Havana	2,782	1,654
Miami Shores	9,244	10,084	Midway	0	852
Miami Springs	12,350	13,268	Quincy	8,591	7,444
North Bay	4,920	5,383	Unincorporated	22,959	24,206
North Miami	42,566	49,998			
North Miami Beach	36,553	35,359	<b>Gilchrist</b>	5,767	9,667
Opa-Locka	14,460	15,283	Bell	227	267
Pennsauco	15	2/	Fanning Springs (part)	164	230
South Miami	10,944	10,404	Trenton	1,131	1,287
Surfside	3,763	4,108	Unincorporated	4,245	7,283
Sweetwater	8,251	13,909			
Virginia Gardens	2,098	5,727	<b>Glades</b>	5,992	7,591
West Miami	6,076	5,727	Moore Haven	1,250	1,432
Unincorporated	798,820	1,036,925	Unincorporated	4,742	6,159

See footnotes at end of table.

Florida Statistical Abstract 1991



Table 1.31. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES OF FLORIDA, APRIL 1, 1980 AND 1990 (Continued)

Area	1980	1990	Area	1980	1990
<u>Gulf</u>	10,658	11,504	<u>Indian River (Continued)</u>		
Port St. Joe	4,027	4,044	Sebastian	2,831	10,205
Ward Ridge	104	A/	Vero Beach	16,176	17,350
Wewahitchka	1,742	1,779	Unincorporated	38,455	58,186
Unincorporated	4,785	5,681			
<u>Hamilton</u>	5,761	10,930	<u>Jackson</u>	39,154	41,375
Jasper	2,093	2,099	Alford	548	472
Jennings	749	712	Bascom	134	90
White Springs	781	704	Campbellton	336	202
Unincorporated	5,138	7,415	Cottondale	1,056	900
			Graceville	2,918	2,675
<u>Hardee</u>	20,357	19,499	Grand Ridge	591	536
Bowling Green	2,310	1,836	Greenwood	577	474
Wauchula	2,986	3,253	Jacob City	0	261
Zolfo Springs	1,495	1,219	Malone	897	765
Unincorporated	13,566	13,191	Marianna	7,006	6,292
			Sneads	1,690	1,746
			Unincorporated	23,401	26,962
<u>Henry</u>	16,599	25,773	<u>Jefferson</u>	10,703	11,296
Clewiston	5,219	6,085	Monticello	2,994	2,573
La Belle	2,287	2,703	Unincorporated	7,709	8,723
Unincorporated	11,093	16,985			
<u>Hernando</u>	44,469	101,115	<u>Lafayette</u>	4,035	5,578
Brooksville	5,582	7,440	Mayo	891	927
Weeki Wachee	8	53	Unincorporated	3,144	4,662
Unincorporated	38,879	93,622	<u>Lake</u>	104,870	152,104
<u>Highlands</u>	47,526	68,432	Astatula	755	981
Avon Park	8,026	8,042	Clermont	5,461	6,910
Lake Placid	963	1,158	Eustis	9,453	12,967
Sebring	8,736	8,900	Fruitland Park	2,259	2,754
Unincorporated	29,801	50,332	Groveland	1,992	2,300
			Howey-in-the-Hills	626	724
<u>Hillborough</u>	646,939	834,054	Lady Lake	1,193	8,071
Plant City	19,270	22,754	Leesburg	13,191	14,903
Tampa	271,577	280,015	Mascotte	1,112	1,761
Temple Terrace	11,097	16,444	Minneola	851	1,515
Unincorporated	344,995	514,841	Montverde	397	890
			Mount Dora	5,883	7,196
<u>Holmes</u>	14,723	15,778	Tavares	4,398	7,383
Bonifay	2,534	2,612	Umatilla	1,872	2,350
Esto	304	253	Unincorporated	55,427	81,399
Noma	113	207	<u>Lee</u>	205,266	335,113
Ponce de Leon	454	406	Cape Coral	32,103	74,991
Westville	343	257	Ft. Myers	36,638	45,206
Unincorporated	10,975	12,043	Sanibel	3,363	5,468
			Unincorporated	133,162	209,448
<u>Indian River</u>	59,896	90,208	<u>Leon</u>	148,655	192,493
Fellsmere	1,161	2,179	Tallahassee	81,548	124,773
Indian River Shores	1,254	2,278	Unincorporated	67,107	67,720
Orchid	19	10			

See footnotes at end of table.

Continued . . .

Table 1.31. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES OF FLORIDA, APRIL 1, 1980 AND 1990 (Continued)

Area	1980	1990	Area	1980
<u>Levy</u>	19,870	25,922	<u>Manass</u>	32,894
Bronson	853	875	Callahan	869
Cedar Key	700	668	Fernandina Beach	7,224
Chiefland	1,986	1,917	Hilliard	1,869
Fanning Springs (part)	150	263	Unincorporated	22,932
Inglis	1,173	1,241		
Otter Creek	167	136	<u>Okaloosa</u>	109,920
Williston	2,240	2,279	Cinco Bayou	202
Yankeetown	600	635	Crestview	7,617
Unincorporated	12,001	18,009	Destin	4,430
			Ft. Walton Beach	610
<u>Liberty</u>	4,260	5,569	Laurel Hill	3,530
Bristol	1,044	937	Mary Esther	1,530
Unincorporated	3,216	4,632	Niceville	1,530
			Shalimar	6,142
<u>Madison</u>	14,894	16,569	Valparaiso	62,057
Greenville	1,096	950	Unincorporated	62,057
Lee	297	306		
Madison	3,487	3,345	<u>Okeechobee</u>	20,264
Unincorporated	10,014	11,968	Okeechobee	4,225
			Unincorporated	16,039
<u>Manatee</u>	148,445	211,707	<u>Orange</u>	470,865
Anna Maria	1,537	1,744	Apopka	6,019
Bradenton	30,228	43,773	Bay Lake	74
Bradenton Beach	1,595	1,657	Belle Isle	2,846
Holmes Beach	4,023	4,810	Eatonville	2,185
Longboat Key (part)	2,460	2,544	Edgewood	1,034
Palmetto	8,637	9,268	Lake Buena Vista	98
Unincorporated	99,965	147,905	Maitland	8,763
			Oakland	658
<u>Marion</u>	122,488	194,833	Ocoee	7,803
Belleview	1,913	2,666	Orlando	128,291
Dunnellon	1,427	1,624	Windermere	1,302
McIntosh	404	411	Winter Garden	1,399
Ocala	37,170	42,045	Winter Park	1,399
Reddick	657	554	Unincorporated	282,662
Unincorporated	80,917	147,533		
<u>Martin</u>	64,014	100,900	<u>Osceola</u>	187
Jupiter Island	364	549	Kissimmee	187
Ocean Breeze Park	469	519	St. Cloud	1,840
Sewalls Point	1,187	1,588	Unincorporated	25,960
Stuart	9,467	11,936	<u>Palm Beach</u>	576,758
Unincorporated	52,527	86,308	Atlantis	1,325
			Belle Glade	16,535
<u>Monroe</u>	63,188	78,024	Boca Raton	49,447
Key Colony Beach	977	977	Boynton Beach	35,624
Key West	24,382	24,832	Briny Breezes	387
Layton	88	183	Cloud Lake	160
Unincorporated	37,741	52,032	Delray Beach	34,329

See footnotes at end of table.

Contin

# Population

1. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES OF FLORIDA, APRIL 1, 1980 AND 1990 (Continued)

	1980	1990 Area	1980	1990
h (Continued)		<b>Pinellas (Continued)</b>		
e	235	207 Kenneth City	4,344	4,462
age	110	234 Largo	57,950	65,674
	210	153 Madeira Beach	4,520	4,225
s City	8,780	18,683 North Redington Beach	1,156	1,135
am	475	690 Oldsmar	2,608	8,361
	1,249	1,058 Pinellas Park	32,811	43,426
Beach	2,030	3,209 Redington Beach	1,708	1,626
	573	830 Redington Shores	2,142	2,366
h	1,142	2,121 Safety Harbor	6,461	15,124
	9,868	24,986 St. Petersburg	238,647	238,629
nlet Colony	378	405 St. Petersburg Beach	9,354	9,200
ke Shores	3,174	3,364 Seminole	4,586	9,251
	6,909	6,704 South Pasadena	4,188	5,644
h	27,048	28,564 Tarpon Springs	13,251	17,906
	8,048	8,392 Treasure Island	6,316	7,266
	329	312 Unincorporated	199,309	259,247
Park	1,419	1,453		
m Beach	11,344	11,343 <b>Polk</b>	321,652	405,382
ge	1,355	1,570 Auburndale	6,501	8,858
	6,346	6,822 Bartow	14,780	14,716
h	9,729	9,814 Davenport	1,509	1,529
h Gardens	14,407	22,365 Dundee	2,227	2,335
h Shores	1,212	1,340 Eagle Lake	1,678	1,758
nqs	3,166	9,763 Ft. Meade	5,546	4,976
each	26,459	27,639 Frostproof	2,995	2,808
m Beach	3,423	14,559 Haines City	10,799	11,683
	3,396	3,558 Highland Park	184	155
m Beach	1,304	1,480 Hillcrest Heights	177	221
Village	3,685	4,499 Lake Alfred	3,134	3,622
Beach	63,305	67,643 Lake Hamilton	1,552	1,128
rated	212,323	406,210 Lake Wales	8,466	9,670
		Lakeland	47,406	70,576
	193,661	281,131 Mulberry	2,932	2,988
	4,923	5,633 Polk City	576	1,439
Richey	11,196	14,044 Winter Haven	21,119	24,725
ey	2,165	2,523 Unincorporated	190,071	242,195
	899	1,009		
io	529	776 <b>Dunn</b>	50,549	65,070
ls	5,742	8,220 Crescent City	1,722	1,859
rated	168,257	248,926 Interlachen	848	1,160
		Palatka	10,175	10,201
	728,531	851,659 Pomona Park	791	663
	3,673	3,968 Welaka	492	533
Beach	1,643	2,070 Unincorporated	36,521	50,654
Bluffs	2,522	2,128		
Shore	30	60 <b>St. Johns</b>	51,303	83,829
r	85,170	98,784 Hastings	636	595
	30,203	34,012 Marineland (part)	23	0
	11,180	11,727 St. Augustine	11,985	11,692
cks Beach	3,717	3,363 St. Augustine Beach	1,289	3,657
res	384	1,405 Unincorporated	37,370	67,885

Notes at end of table.

Continued . . .

# 1.00

# Population

Table 1.31. POPULATION: CENSUS COUNTS IN THE STATE, COUNTIES, AND MUNICIPALITIES OF FLORIDA, APRIL 1, 1980 AND 1990 (Continued)

Area	1980	1990 Area	1980	1990
<b>St. Lucie</b>	87,182	150,171 <b>Taylor (Continued)</b>		
Ft. Pierce	33,802	36,830 Unincorporated	8,278	9,960
Port St. Lucie	14,690	55,866		
St. Lucie Village	593	584 <b>Union</b>	10,166	10,252
Unincorporated	38,097	56,891 Lake Butler	1,830	2,116
		Raiford	259	198
<b>Santa Rosa</b>	55,988	81,608 Worthington Springs	220	179
Gulf Breeze	5,478	5,530 Unincorporated	7,857	7,760
Jay	633			
Milton	7,206	7,216 <b>Volusia</b>	258,762	370,712
Unincorporated	42,671	68,196 Daytona Beach	54,176	61,521
		Daytona Beach Shores	1,324	2,335
<b>Sarasota</b>	202,251	277,776 Deland	15,354	16,491
Longboat Key (part)	2,383	3,393 Edgewater	6,726	15,137
North Port	6,205	11,973 Holly Hill	9,953	11,141
Sarasota	48,868	50,961 Lake Helen	2,047	2,344
Venice	12,153	16,922 New Smyrna Beach	13,557	16,543
Unincorporated	132,642	194,527 Oak Hill	938	917
		Orange City	2,795	3,347
<b>Seminole</b>	179,752	287,529 Ormond Beach	21,438	29,721
Altamonte Springs	21,105	34,879 Pierson	1,085	2,388
Casselberry	15,247	18,911 Ponce Inlet	1,003	1,704
Lake Mary	2,853	5,929 Port Orange	18,756	25,117
Longwood	10,029	13,316 South Daytona	11,252	12,182
Oviedo	3,074	11,114 Unincorporated	98,358	156,124
Sanford	23,176	32,387		
Winter Springs	10,475	22,151 <b>Wakulla</b>	10,387	14,111
Unincorporated	93,793	148,842 St. Marks	286	307
		Sopchoppy	444	367
<b>Sumter</b>	24,272	31,577 Unincorporated	10,157	13,528
Bushnell	983	1,998		
Center Hill	751	735 <b>Walton</b>	21,300	27,760
Coleman	1,022	857 DeFuniak Springs	5,563	5,120
Webster	856	746 Freeport	669	943
Wildwood	2,665	3,421 Paxton	659	500
Unincorporated	17,995	23,820 Unincorporated	14,409	21,197
<b>Suwannee</b>	22,287	26,780 <b>Washington</b>	14,509	16,919
Branford	622	670 Caryville	633	631
Live Oak	6,732	6,332 Chipley	3,330	3,866
Unincorporated	14,933	19,778 Ebro	233	255
		Vernon	885	778
<b>Taylor</b>	16,532	17,111 Wausau	347	313
Perry	8,254	7,151 Unincorporated	9,081	11,076

A/ Included in unincorporated.

B/ Population not yet determined.

Source: University of Florida, Bureau of Economic and Business Research, Population Program, Florida Population: Census Summary, 1990. Data from U.S. Bureau of the Census.

Table 1.40. POPULATION PROJECTIONS: CENSUS COUNTS, APRIL 1, 1990, AND PROJECTIONS, APRIL 1, 1995 AND 2000, BY SEX IN THE STATE AND COUNTIES OF FLORIDA

County	Census 1990			Projections					
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Florida	12,937,926	6,264,222	6,673,704	14,451,779	6,992,523	7,459,256	15,728,426	7,599,041	8,129,385
Alachua	181,596	89,135	92,461	197,235	97,062	100,173	210,148	103,418	106,730
Baker	18,486	9,653	8,833	20,006	10,473	9,533	21,314	11,151	10,163
Bay	126,994	62,577	64,417	139,224	67,089	72,135	149,368	70,880	78,488
Bradford	22,515	12,423	10,092	23,523	13,066	10,457	24,490	13,795	10,695
Brevard	398,978	197,209	201,769	457,059	226,290	230,769	506,776	251,042	255,684
Broward	1,255,488	601,492	653,996	1,377,992	663,278	714,714	1,479,652	713,965	765,687
Calhoun	11,011	5,703	5,308	11,446	5,986	5,460	12,147	6,194	5,953
Charlotte	110,975	53,531	57,444	116,912	65,184	70,848	157,921	75,232	82,689
Citrus	93,515	44,728	48,787	102,550	51,441	59,307	129,485	60,772	68,713
Clay	105,986	52,288	53,698	121,711	61,578	63,393	141,383	69,588	71,795
Collier	152,099	75,197	76,702	181,127	91,092	93,035	212,031	104,513	107,518
Columbia	42,613	20,954	21,659	48,255	22,880	23,375	49,247	24,510	24,737
Dade	1,917,094	928,890	1,008,204	2,091,555	995,988	1,087,567	2,201,836	1,050,364	1,151,472
De Soto	23,865	12,315	11,550	26,978	13,494	12,584	27,902	14,420	13,482
Dixie	10,585	5,483	5,102	11,670	6,280	5,390	12,641	6,911	5,730
Duval	672,971	328,851	344,120	719,175	349,541	368,634	754,124	365,875	388,249
Escambia	262,798	127,644	135,154	274,298	133,486	140,812	282,764	137,483	145,281
Flagler	28,701	13,758	14,943	37,778	17,761	20,017	45,792	21,041	24,751
Franklin	8,967	4,379	4,588	9,459	4,697	4,762	9,839	4,947	4,892
Gadsden	41,105	19,554	21,551	41,676	20,065	21,611	42,412	20,540	21,872
Gilchrist	9,667	5,105	4,562	11,489	6,136	5,353	13,079	7,044	6,035

Continued . . .

Table 1.40. POPULATION PROJECTIONS: CENSUS COUNTS, APRIL 1, 1990, AND PROJECTIONS, APRIL 1, 1995 AND 2000, BY SEX IN THE STATE AND COUNTIES OF FLORIDA (Continued)

County	Census 1990			Projections					
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Glades	7,591	3,850	3,741	8,295	4,058	4,237	8,884	4,227	4,657
Gulf	11,504	5,781	5,723	11,886	5,855	6,031	12,142	5,893	6,249
Hamilton	10,930	5,725	5,205	11,687	6,129	5,558	12,223	6,391	5,832
Hardee	19,499	9,890	9,609	19,863	10,024	9,839	20,234	10,172	10,062
Hendry	25,773	13,056	12,717	28,767	14,864	13,903	31,279	16,294	14,985
Hernando	101,115	48,502	52,613	128,112	61,360	66,752	151,827	72,509	79,318
Highlands	68,432	32,471	35,961	78,377	37,137	41,240	86,887	41,116	45,771
Hillsborough	834,054	406,388	427,666	917,670	445,302	472,368	987,241	477,184	510,057
Holmes	15,778	8,007	7,771	16,076	8,198	7,878	16,234	8,317	7,917
Indian River	90,208	43,590	46,618	104,826	51,280	53,546	117,402	57,914	59,488
Jackson	41,375	20,985	20,390	42,400	21,885	20,515	43,012	22,515	20,497
Jefferson	11,296	5,401	5,895	11,621	5,431	6,190	11,836	5,440	6,396
Lafayette	5,578	3,212	2,366	6,204	3,567	2,637	6,676	3,833	2,843
Lake	152,104	72,953	79,151	174,998	83,642	91,356	194,624	92,674	101,950
Lee	335,113	161,983	173,130	395,359	190,602	204,757	447,466	214,678	232,788
Leon	192,493	92,642	99,851	211,917	102,459	109,458	228,235	110,655	117,580
Levy	25,923	12,400	13,523	28,938	13,805	15,133	31,483	14,963	16,520
Liberty	5,569	3,169	2,400	5,830	3,341	2,489	6,046	3,496	2,550
Madison	16,569	8,491	8,078	16,836	8,729	8,107	17,027	8,960	8,067
Manatee	211,707	100,204	111,503	241,099	114,470	126,629	266,168	126,542	139,626
Marion	194,827	97,413	100,979	229,090	110,221	118,869	258,681	124,227	134,454
Martin	100,900	49,535	51,365	119,090	59,035	60,055	134,836	67,309	67,527
Meigs	78,024	40,068	37,956	84,197	44,315	40,182	89,785	46,875	42,910

# WFCE 88.9 FM

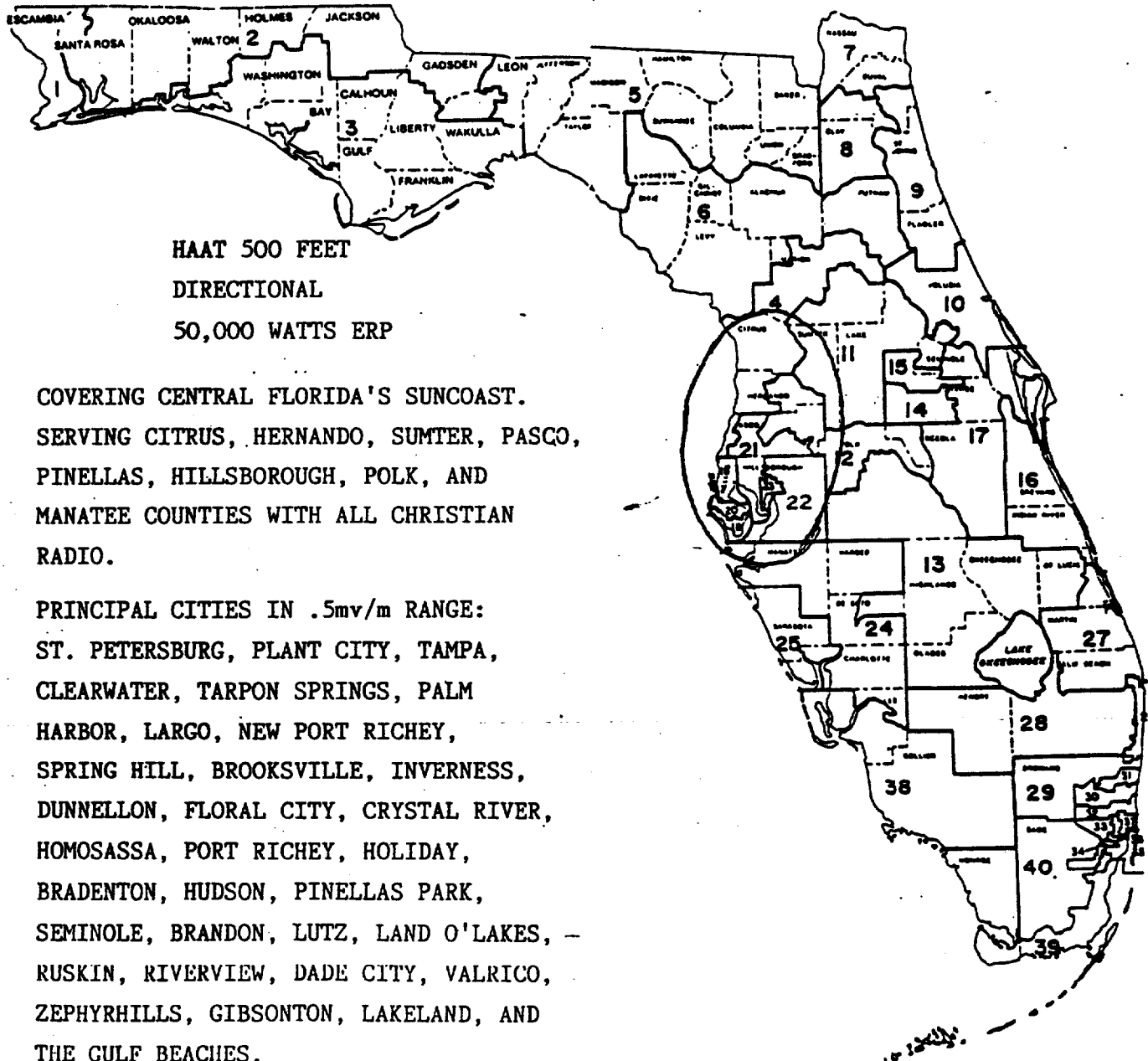
CHRISTIAN RADIO ALL OF THE TIME  
TWENTY-FOUR HOURS A DAY  
50,000 WATTS IN STEREO

Exhibit C



AFFILIATE STATION  
EXECUTIVE OFFICES:  
POST OFFICE BOX 6060  
HUDSON, FL 34674  
TELEPHONE (813) 862-WFCE

## WFCE-FM COVERAGE MAP



WE'RE FLORIDA'S CHRISTIAN EDUCATION RADIO STATION

Richard A. Lehner  
General Manager  
(904) 392-5551

 **WUFT-TV • WUFT-FM**

2000 Weimer Hall • University of Florida  
Gainesville, Florida 32611

October 27, 1989

Mr. R. L. Johnson  
210 S. Lee Street  
Beverly Hills, FL 32665

Dear Mr. Johnston:

Thank you for your letter of October 13th. We appreciate your comments about the interference problem. It appears that you are not alone. I am asking our engineering staff to look into the problem and will let you know what we find out.

Thanks for your support and comments. I hope that we can again become a valuable and usable public radio service for you.

Sincerely,



Richard A. Lehner  
General Manager

cc: Mr. Henri Pensis  
Mr. Manis Samons

October 13, 1989

Mr. Richard Lehner  
WUFT-FM  
2104 Weimer Hall  
University of Florida  
Gainesville, FL. 32611

Dear Mr. Lehner:


A few years ago I retired and came here to Citrus County from the Boston area of Massachusetts. My wife and I have been very happy here with the better climate, the sociable people and the more relaxed life style.

One of our greatest concerns was whether there would be available FM stations where programming would be the equivalent of that we had experienced in Massachusetts. Needless to say, we were delighted to discover your station whose programming, we feel, is excellent and I am sorry to say, is not generally available on other stations. We were happy to join your listeners and enjoyed your "Classic 89 Listener". We especially enjoyed your simulcasts of good music with TV 5.

However, no more! We are now experiencing constant interference from a recently established FM station in Tarpon Springs, which makes it impossible to received your signals. Whether the FCC has assigned a frequency too close to your own or whether the station is unable to maintain their frequency and power levels properly, I do not know, but we sorely miss listening to your programs. I have talked with others in our area who experience the same problem.

If you wish to use this letter in any way in an effort to solve this problem, please feel free to do so.

Very truly yours,

  
R. L. Johnston  
210 S. Lee Street  
Beverly Hills, FL. 32665

PH: (904) 746-7182



2104 Weimer Hall • University of Florida  
Gainesville, Florida 32611 • (904) 392-5200

November 22, 1988

Ms. Gay Courter  
Courter Films and Associates  
121 N.W. Crystal Street  
Crystal River, Florida 32629

Dear Ms. Courter,

Thank you for your letter of November 15.

We appreciate your notification of the interference. We are having our engineers investigate the situation. If WFLE is over-modulating, then we will be able to effect a solution. If not, then the likelihood is that they are operating within FCC allowances, even though they are penetrating our Grade B signal area. The FCC allows a certain amount of overlap and it is quite possible that WFLE is operating within the allowable limits.

Once again, thank you for your letter. We will try to track down the problem, and if possible, correct the situation.

Sincerely,

A handwritten signature in cursive script, reading "Jane E. Fisher".

Jane E. Fisher  
Station Manager

JEF:nw



November 15, 1988

Ms. Jane Fisher, Manager  
WUFT-FM  
2104 Weimer Hall  
University of Florida  
Gainesville, FL 32611

Dear Ms. Fisher:

We have been fans of the station since Day One and have had no difficulty receiving the broadcasts here in Crystal River until the last six months.

Now we have routine (almost daily) severe interference when a neighboring frequency seems to surge forward and drastically reduce your clarity and sometimes blots it out altogether.

The offending station is WFLE, PO Box 6060, Hudson, Fl 34674, at 88.9 on the dial. The worst time of day seems to be around 11 am to 2 pm, but is often other times as well. We wonder if their transmitter is functioning properly, if they purposefully (for religious reasons?) boost their signal, or if this a freak meteorological problem.

In any case, perhaps you could direct this letter to the FCC or others who might track down the problem.

Thanks for your assistance.

Sincerely,

  
Gay Courter



Richard A. Lehner  
General Manager  
(904) 392-5551

**WUFT-TV • WUFT-FM**

2000 Weimer Hall • University of Florida  
Gainesville, Florida 32611

October 27, 1989

Ms. Dohrn Zachai  
Box 566  
Cedar Key, FL 223625

Dear Ms. Zachai:

Thank you for your letter of September 20th. I apologize for the tardy response. While I appreciate your comments, I do not recall seeing any of your previous letters. They must have been directed by staff either to the former Station Manager or Program Director.

We are interested in your comments and hope that you will continue to respond. Mr. Henri Pensis is the new WUFT-FM Station Manager. I am certain that he would be happy to see your comments. As for the interference problem, it appears that you are not alone. I am asking our engineering staff to look into the problem and will let you know what we find out.

Thanks for your support and comments. I hope that we can again become a valuable and usable public radio service for you.

Sincerely,



Richard A. Lehner  
General Manager

cc: Mr. Henri Pensis  
Mr. Manis Samons

*Mrs. John F. Roscow  
210 Talmadge Ave.  
Inverness, Florida 32650*

April 12, 1989

WUFT-FM Friends of Classic 89  
2104 Weimer Hall  
University of Florida  
Gainesville, Fl. 32611

Dear Sirs:

As a contributor to your programs and as one who enjoys the Chicago Symphony and the Philadelphia Symphony I wonder why I can no longer get your station. I have cable and it comes in clearly for the University of South Florida station but yours is now all jumbled up with some religious station plus static. I formerly got your station so clearly and I called the cable people to see if they had many any changes but they assure me they have not.

I'm sorry. I miss you. Perhaps you and do something to change this.

Very truly yours,

*Jan C. Roscow*

**WUFT-FM**  
**CLASSIC 89**

August 30, 1989  
10006133

2104 Weimer Hall  
College of Journalism & Communications  
University of Florida  
Gainesville, Florida 32611  
(904) 392-5200

Dear Ms. Zachai,

Your annual membership to Classic 89 has expired. The support you gave last year enabled us to bring you excellent programming throughout the year. We hope that you will continue your commitment to programming excellence by sending your check for renewal today.

Please take a few minutes to complete the notice below and return it with your check. We would be happy to help you work out an easy payment plan with monthly, quarterly or semi-annual installment. We accept MASTERCARD or VISA if you prefer to use your credit card. Please call the Membership Department if you would prefer one of these plans.

Programming costs have risen dramatically in the past year. Because you care about excellence, please consider increasing your gift.

We also want to be responsive to your needs; that's what makes public radio so special. Feel free to include a note with your renewal telling us your favorite programs. I will share your comments with our programming department.

Again, many thanks for your support, and for being so special.

Please circle the level at which you now wish to

\$100.00 OR MORE

\$89.00

OTHER \_\_\_\_\_

Sincerely,

Richard A. Lehner, General Manager

  
**WUFT-FM**  
November 8, 1989 **89**

  
2104 Weimer Hall • University of Florida  
Gainesville, Florida 32611 • (904) 392-5200

The Reverend Richard B. Ribble  
First Presbyterian Church  
1501 SE Highway 19  
Crystal River, Florida 32629

Dear Reverend Ribble,

I would like to thank you for your letter concerning the interference problem with the Tarpon Springs station. I just joined the WUFT-FM staff in October so it has taken me a little time to get acclimated to the new area and to get used to the geography.

We are looking at the feasibility of putting in a translator or booster station in Crystal River. This is just about the only thing that we can do to improve our signal in your area. We seem to have a null in the Crystal River area and a translator would allow us to fill in the hole.

Short spacing of radio stations seems to be a problem which has become a fact of life for radio stations. We will not be able to change that situation with the FCC. I do believe that a translator is a strong possibility--if we can find a frequency and a tower site.

At this point, it looks as if we will be applying for a federal planning grant for this project. We need to search for an available frequency and find the best location to improve our coverage of the Crystal Springs area. As part of our documentation we will need letters similar to yours which detail the problem and show an interest the restoration of our broadcast service to your area. This seems to be our best and most realistic option.

Thank you for your interest and support.

Sincerely,



Henri Pensis  
Station Manager



# First Presbyterian Church

1501 SE HIGHWAY 19

CRYSTAL RIVER, FLORIDA 32629

RICHARD B. RIBBLE  
MINISTER

(904) 795-2259

October 30, 1989

Dear Friends:

We are in a fringe receiving area, and hardly listen to you at all anymore because of interference from a "Christian" radio station out of Tarpon Springs, which began broadcasting a year or so ago.

The result is we get neither station clearly, and we most vehemently and profoundly resent what results in practically an obliteration of our only classical music station, to say nothing of the news programs and other programs we used to receive. We do not get reception from Tampa PBS at all well. So WUFT was our source of greatest radio pleasure.

Is it too late to protest this? And to whom should we protest? We have talked to others in this area who feel the same way. If it is the FCC why did they put two stations so close together we cannot get either one with clarity? WUFT had the original frequency.

We are really angry about this, and wonder if anything can be done? Certainly somebody goofed!

Sincerely yours,

Richard B. Ribble

WUFT  
PO Box 12865  
Gainesville, FL 32604

To WUEZ

(3/31/89)

We moved to North Florida about 1 1/2 years ago, from Ft Lauderdale, and have been very appreciative listeners to your "Music by candle light" program, during our dinner hour. This comes in to us through our local cable company - CENTEL in Laconia.

Within the past 6 weeks, we have developed some heavy interference from a Jayson Springs station WFCB and are not able to tune it out enough to enjoy your good program any longer.

Citrus County is one of the faster growing counties in Florida. Our Sugar Hill Woods golf course development has about 1200 homes. I would hope there would be some way to correct this interference -

Robert Thompson  
3 Pinewood Gardens  
Homoassa Fla 32646

904-382-1472

*Pine wood Gardens, Homosassa Fla*  
1776 SOUTH EAST SEVENTH STREET - FORT LAUDERDALE - FLORIDA 33306

32646

G7

## CALL OUT PLEDGE

Date

4-26-88

OFFICE USE ONLY

Break #

Your Name

Alice K

Pledge #

VERIFIED BY

## PLEASE PRINT CLEARLY and COMPLETE ALL SPACES

1. Mr. Mrs. Ms. Dr.

2. (First) GAIL (Last) HOLLAND

3. Business Name

4. Address 8191 West Fernwood Ct Apt. or Lot

5. City Crystal River State FL Zip 32629

6. County

7. Home Tel. # 904-795-7488 Business Tel. #

\*Is this a ☒ renewal ☐ additional or ☐ new gift?

\*As a special incentive, we are offering a license plate holder to anyone charging their pledge.

## PLEDGE INFORMATION

Pledge Amount \$ 25.00

Installments (\$10/mo. minimum)

Credit Card

Payroll Deduction

☒ One-Time paymentCredit Card: MASTERCARD ☐ VISA ☐

Card #

Expiration Date

\*\*Are you interested in a Thank You gift or would you prefer that we assign your entire contribution to programming? ☐ Thank you gift ☐ Programming

PREMIUMS

1.

BONUS

2.

\*May we read your name on the air? ☐ Yes ☐ No

COMMENTS

getting a lot of interference from  
 some other station - I think it is a  
 religious station - This has decreased  
 her enjoyment



Dear Mr. Lehner,

Maybe you will forgive me if I get personal a bit.

Once I discovered Classic 89 a few years - and NPR - my radio was tuned to your station for at least eight hours a day. Then a year or so ago, a new religious station in the Hudson Port Richey area came on the air, and drowned you out. This left a large hole in my daily routine, and made me very unhappy. I continued to send in my "dues" the past two years, but this time I decided to stop, since I no longer could get clear reception. I had no idea how to solve this problem. Then yesterday - I received